## J. TRANSITIONING N1-1 TO OFF/DIAGNOSTIC FROM STANDBY WHILE N1-2 IS PRIMARY

1. VERIFY MDM STATES

PCS2 Node 1: C&DH: MDM N1-2
PRIMARY NCS MDM Node 1

√STATE - Primary
√MDM ID - N1-2

PCS2 Node 1: C&DH: MDM N1-1
SECONDARY NCS MDM Node 1

√STATE - Standby
√MDM ID - N1-1

NOTE
If states are not correct, do not execute this procedure.

√**MCC**

2. DISABLE NCS AUTO RETRY

PCS2 Node 1: C&DH: MDM N1-2
PRIMARY NCS MDM Node 1
'Software Control'

sel MDM Utilities

Primary_NCS_MDM_Utilities

√Primary_NCS_Auto_Retry_Inh - X (Inhibited)
If blank (Enable)
sel Commands
**cmd** Primary_NCS_Inh_NCS_Retry **Execute**
√Primary_NCS_Auto_Retry_Inh - X (Inhibited)

3. COMMAND N1-1 TO DIAGNOSTIC

PCS2 Node 1: C&DH: MDM N1-1
SECONDARY NCS MDM Node 1
'Software Control'

sel MDM FDIR
√Second_NCS_Cmd_Xsitn_to_Dgnstc_Inh - <blank> (Enable)

If X (inhibited)
'MDM Major State:'

sel Commands
**cmd** N1-1_MDM_Cmd_Xsitn_Dgnstc_State_Arm **Execute**

'Software Control'

sel MDM FDIR
√Second_NCS_Cmd_Xsitn_to_Dgnstc_Inh - <blank> (Enable)

'MDM Major State:'

sel Commands
**cmd** N1-1_MDM_Xsitn_Dgnstc_State **Execute**

4. VERIFY N1-1 IS IN DIAGNOSTIC

PCS2 Node 1: C&DH: MDM N1-1
SECONDARY NCS MDM Node 1

√Frame Count - <static>

PCS2 Node 1: C&DH: MDM N1-2
PRIMARY NCS MDM Node 1

sel Transmit Mode Code

Primary_NCS_Transmit_Mode_Code

sel Primary NCS Xmt Mode Code Commands
**cmd** Xmt_Stat_Word_Tmplt
enter Bus ID - 2
enter RT Address - 6 **Execute**

√Subsystem Flag Set - X (Set)

If Subsystem Flag Bit is set, N1-2 MDM is in Diagnostic State and is ready to accept diagnostic commands.

If transitioning N1-1 to Diagnostic >>
If powering N1-1 off, go to step 5.

5. POWERING OFF N1-1 MDM

PCS1 Node 1: C&DH: MDM N1-1

SECONDARY NCS MDM Node 1

'RPCM _N1RS1_A'

sel RPC 11 (Nod1_1_MDM)

RPCM _N1RS1_A_RPC_11 Detail

sel Commands
**cmd** Open **Execute**

√Position - Op

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